

Feasibility Estimate
 Additions and Alterations
 Naugatuck High School
 New Construction
 August 10, 2011

BSF Area	New Building Shell & Envelope		New Building Infrastructure		New Circulation		New Stairs		New Administration		New Green House		New Toilets-large		New Locker Rooms		New Fitness/Weights	
	16,942	Wall	23,703	U/C	5,856	U/C	500	U/C	928	U/C	281	U/C	1,204	U/C	5,236	U/C	3,085	U/C
	23,703	Floor																
SUBSTRUCTURE	188,424		0	0.00	0	0.00	0	0.00	0	0.00	3,583	12.75	0	0.00	0	0.00	0	0.00
Foundations	107,671	9.08	0	0.00	0	0.00	0	0.00	0	0.00	2,248	8.00	0	0.00	0	0.00	0	0.00
Basement Construction	80,753	6.81	0	0.00	0	0.00	0	0.00	0	0.00	1,335	4.75	0	0.00	0	0.00	0	0.00
SHELL	1,876,796	79.18	0	0.00	0	0.00	0	0.00	0	0.00	21,075	75.00	0	0.00	0	0.00	0	0.00
Superstructure	363,389	30.66	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Building Enclosure	1,013,934	59.85	0	0.00	0	0.00	0	0.00	0	0.00	21,075	75.00	0	0.00	0	0.00	0	0.00
Roofing	499,474	31.80	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
INTERIORS	0	0.00	0	0.00	174,945	29.87	30,151	60.30	28,454	30.66	1,686	6.00	58,793	48.83	208,114	39.75	91,088	29.53
Interior Construction	0	0.00	0	0.00	84,790	14.48	7,296	14.59	14,754	15.90	1,686	6.00	27,346	22.71	107,030	20.44	35,034	11.36
Staircase	0	0.00	0	0.00	0	0.00	14,763	29.53	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Interior Finishes	0	0.00	0	0.00	90,155	15.40	8,091	16.18	13,700	14.76	0	0.00	31,448	26.12	101,084	19.31	56,054	18.17
SERVICES	67,786	2.86	607,801	25.64	255,701	43.66	21,719	43.44	44,220	47.65	13,484	47.99	136,319	113.22	218,520	41.73	98,095	31.80
Conveying Systems	0	0.00	0	0.00	39,901	6.81	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Plumbing	67,786	4.32	2,153	0.09	5,320	0.91	1,136	2.27	3,162	3.41	2,248	8.00	92,976	77.22	35,677	6.81	1,577	0.51
HVAC	0	0.00	356,659	15.05	91,773	15.67	7,949	15.90	16,335	17.60	6,182	22.00	21,466	17.83	89,192	17.03	42,041	13.63
Fire Protection	0	0.00	26,918	1.14	19,286	3.29	1,703	3.41	3,119	3.36	0	0.00	4,649	3.86	18,433	3.52	10,510	3.41
Electrical	0	0.00	201,883	8.52	93,103	15.90	9,937	19.87	16,598	17.89	4,496	16.00	17,228	14.31	71,353	13.63	42,391	13.74
Telecommunications	0	0.00	6,729	0.28	3,325	0.57	994	1.99	3,952	4.26	558	1.99	0	0.00	1,189	0.23	526	0.17
Security	0	0.00	13,459	0.57	2,993	0.51	0	0.00	1,054	1.14	0	0.00	0	0.00	2,676	0.51	1,051	0.34
EQUIPMENT & FURNISHINGS	0	0.00	0	0.00	37,906	6.47	1,420	2.84	6,587	7.10	1,405	5.00	18,527	15.39	80,570	15.39	33,282	10.79
Fixed Equipment	0	0.00	0	0.00	14,630	2.50	1,420	2.84	2,635	2.84	1,405	5.00	17,433	14.48	75,813	14.48	22,772	7.38
Fixed Furnishings	0	0.00	0	0.00	23,276	3.97	0	0.00	3,952	4.26	0	0.00	1,094	0.91	4,757	0.91	10,510	3.41
SPECIAL CONSTRUCTION	13,459	0.64	13,459	0.64	14,963	2.56	1,391	2.78	2,371	2.56	782	2.78	2,735	2.27	11,892	2.27	6,867	2.23
Special Construction	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Building Demolition	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Selective Building Demolition	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Hazardous Material Abatement	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Debris Removal	13,459	0.57	13,459	0.57	14,963	2.56	1,391	2.78	2,371	2.56	782	2.78	2,735	2.27	11,892	2.27	6,867	2.23
BUILDING SITEWORK	11,981	0.51	2,961	0.12	2,660	0.45	0	0.00	0	0.00	4,471	15.91	1,746	1.45	1,487	0.28	1,191	0.39
Off-Site Utilities Allowance	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Site Preparation	11,981	0.55	2,961	0.12	2,660	0.45	0	0.00	0	0.00	998	3.55	1,746	1.45	1,487	0.28	1,191	0.39
Site Improvements	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
-ADA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Site Civil/Mechanical Utilities	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1,686	6.00	0	0.00	0	0.00	0	0.00
Site Electrical Utilities	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1,405	5.00	0	0.00	0	0.00	0	0.00
Other Site Construction	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	383	1.36	0	0.00	0	0.00	0	0.00
SUBTOTAL	2,158,445	91.06	624,221	26.34	486,175	83.02	54,680	109.36	81,632	87.97	46,486	165.43	218,119	181.16	520,583	99.42	230,524	74.72
in CM Fee General Conditions	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
0.16% Building Permit (State Only)	3,454	0.15	999	0.04	778	0.13	87	0.17	131	0.14	74	0.26	349	0.29	833	0.16	369	0.12
0.00% Building Permit (Borough of Naugatuck)	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
6.00% Design & Estimating Contingencies	129,714	5.47	37,513	1.58	29,217	4.99	3,286	6.57	4,906	5.29	2,794	9.94	13,108	10.89	31,285	5.97	13,854	4.49
in CM Fee General Liability Insurance	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
3.50% Escalation to Bid Day 5/1/13	140,362	5.92	40,591	1.71	31,616	5.40	3,556	7.11	5,306	5.72	3,021	10.75	14,184	11.78	33,851	6.47	14,989	4.86
3.00% Escalation to Start Later Phases	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
0.25% Builder's Risk Insurance	6,080	0.26	1,758	0.07	1,369	0.23	154	0.31	230	0.25	131	0.47	614	0.51	1,466	0.28	649	0.21
8.00% Construction Contingency	195,044	8.23	56,407	2.38	43,932	7.50	4,941	9.88	7,376	7.95	4,201	14.95	19,710	16.37	47,041	8.98	20,831	6.75
in CM Fee Construction Manager's Bond	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
7.00% Construction Manager's Fee	184,317	7.78	53,304	2.25	41,516	7.09	4,669	9.34	6,971	7.51	3,969	14.13	18,654	15.49	44,454	8.49	19,685	6.38
0.25% Pre-Construction Fee	7,044	0.30	2,037	0.09	1,587	0.27	178	0.36	266	0.29	152	0.54	712	0.59	1,699	0.32	752	0.24
TOTAL CONSTRUCTION	2,824,460	119.16	816,830	34.46	636,190	108.64	71,552	143.10	106,818	115.11	60,828	216.47	285,451	237.09	681,213	130.10	301,652	97.78

BSF Area	New Dance Studio		New Storage		New Bleachers		Total New Construction	
	3,085	U/C	1,764	U/C	1,764	U/C	23,703	U/C
SUBSTRUCTURE	0	0.00	0	0.00	0	0.00	192,006	8.10
Foundations	0	0.00	0	0.00	0	0.00	109,919	4.64
Basement Construction	0	0.00	0	0.00	0	0.00	82,088	3.46
SHELL	0	0.00	0	0.00	56,091	31.80	1,953,962	82.44
Superstructure	0	0.00	0	0.00	56,091	31.80	419,479	17.70
Building Enclosure	0	0.00	0	0.00	0	0.00	1,035,009	43.67
Roofing	0	0.00	0	0.00	0	0.00	499,474	21.07
INTERIORS	119,115	38.61	38,062	21.58	90,146	51.10	840,555	35.46
Interior Construction	42,041	13.63	24,039	13.63	48,078	27.25	392,094	16.54
Staircase	0	0.00	0	0.00	0	0.00	14,763	0.62
Interior Finishes	77,075	24.98	14,023	7.95	42,068	23.85	433,698	18.30
SERVICES	104,051	33.73	61,199	34.69	72,858	41.30	1,701,752	71.79
Conveying Systems	0	0.00	0	0.00	0	0.00	39,901	1.68
Plumbing	1,752	0.57	4,006	2.27	1,683	0.95	219,474	9.26
HVAC	44,668	14.48	26,242	14.88	34,055	19.31	736,563	31.07
Fire Protection	10,510	3.41	5,609	3.18	6,010	3.41	106,747	4.50
Electrical	45,544	14.76	23,738	13.46	30,049	17.03	556,320	23.47
Telecommunications	526	0.17	501	0.28	401	0.23	18,700	0.79
Security	1,051	0.34	1,102	0.62	661	0.37	24,046	1.01
EQUIPMENT & FURNISHINGS	28,027	9.08	2,504	1.42	11,018	6.25	221,245	9.33
Fixed Equipment	17,517	5.68	1,002	0.57	4,006	2.27	158,633	6.69
Fixed Furnishings	10,510	3.41	1,502	0.85	7,011	3.97	62,613	2.64
SPECIAL CONSTRUCTION	6,867	2.23	4,307	2.44	3,926	2.23	83,018	3.50
Special Construction	0	0.00	0	0.00	0	0.00	0	0.00
Building Demolition	0	0.00	0	0.00	0	0.00	0	0.00
Selective Building Demolition	0	0.00	0	0.00	0	0.00	0	0.00
Hazardous Material Abatement	0	0.00	0	0.00	0	0.00	0	0.00
Debris Removal	6,867	2.23	4,307	2.44	3,926	2.23	83,018	3.50
BUILDING SITEWORK	1,191	0.39	1,382	0.78	681	0.39	29,751	1.26
Off-Site Utilities Allowance	0	0.00	0	0.00	0	0.00	0	0.00
Site Preparation	1,191	0.39	1,382	0.78	681	0.39	26,277	1.11
Site Improvements	0	0.00	0	0.00	0	0.00	0	0.00
-ADA	0	0.00	0	0.00	0	0.00	0	0.00
Site Civil/Mechanical Utilities	0	0.00	0	0.00	0	0.00	1,686	0.07
Site Electrical Utilities	0	0.00	0	0.00	0	0.00	1,405	0.06
Other Site Construction	0	0.00	0	0.00	0	0.00	383	0.02
SUBTOTAL	259,251	84.04	107,454	60.91	234,720	133.06	5,022,290	211.88
in CM Fee General Conditions	0	0.00	0	0.00	0	0.00	0	0.00
0.16% Building Permit (State Only)	415	0.13	172	0.10	376	0.21	8,036	0.34
0.00% Building Permit (Borough of Naugatuck)	0	0.00	0	0.00	0	0.00	0	0.00
6.00% Design & Estimating Contingencies	15,580	5.05	6,458	3.66	14,106	8.00	301,820	12.73
in CM Fee General Liability Insurance	0	0.00	0	0.00	0	0.00	0	0.00
3.50% Escalation to Bid Day 5/1/13	21 21 16,857	5.46	21 6,986	3.96	21 15,262	8.65	326,580	13.78
3.00% Escalation to Start Later Phases	0 0 0	0.00	0 0 0	0.00	0 0 0	0.00	0	0.00
0.25% Builder's Risk Insurance	730	0.24	303	0.17	661	0.37	14,147	0.60
8.00% Construction Contingency	23,427	7.59	9,710	5.50	21,210	12.02	453,830	19.15
in CM Fee Construction Manager's Bond	0	0.00	0	0.00	0	0.00	0	0.00
7.00% Construction Manager's Fee	22,138	7.18	9,176	5.20	20,043	11.36	428,897	18.09
0.25% Pre-Construction Fee	846	0.27	351	0.20	766	0.43	16,389	0.69
TOTAL CONSTRUCTION	339,244	109.97	140,608	79.71	307,143	174.12	6,571,988	277.26